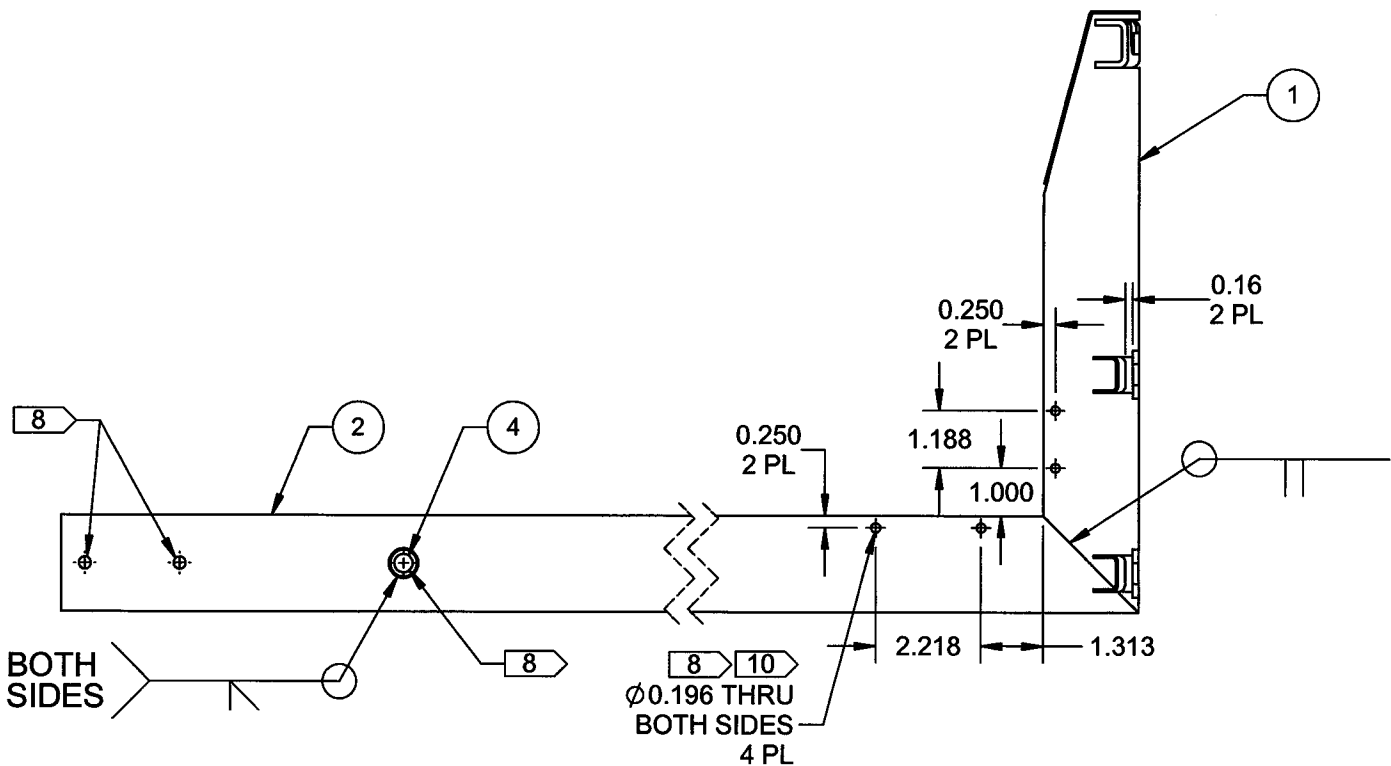
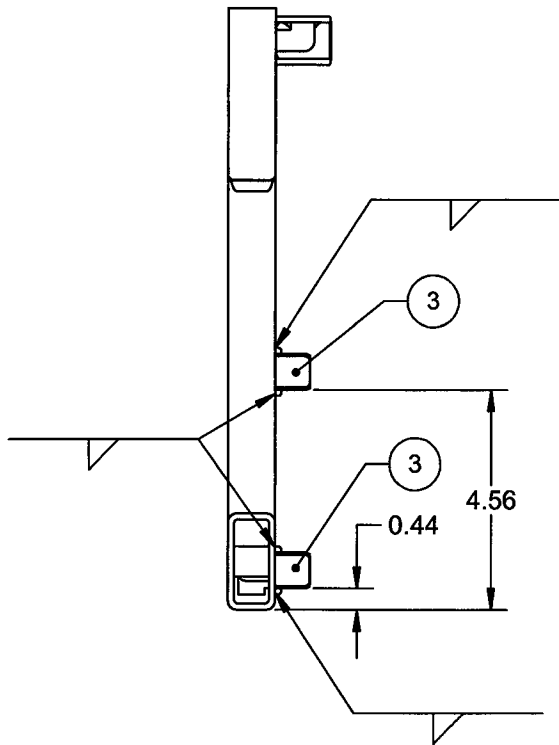


ITEM	QTY -041	P/N	DESCRIPTION
	X	D5824-041	FWD BEAM ASSY, LH
1	1	D5824-043M	FWD DOWN TUBE MACHINE CUT OUT, LH
2	1	D5824-1	FWD TUBE
3	2	D5828-1	STOP BRACKET
4	1	D5829-1	BUSHING



D5824-041 FWD BEAM ASSY, LH  
(DERIVED FROM AERO DESIGN P/N 95932-01-02)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3 AFTER MACHINING
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5824-041" AND S/N PER DART QSI 044 6.1
- 7) WEIGHT: 14.40 lbs
- 8) MASK HOLES PRIOR TO POWDER COAT
- 9) WELD PER DART QSI 004
- 10) DRILL HOLES AFTER WELDING

RELEASED

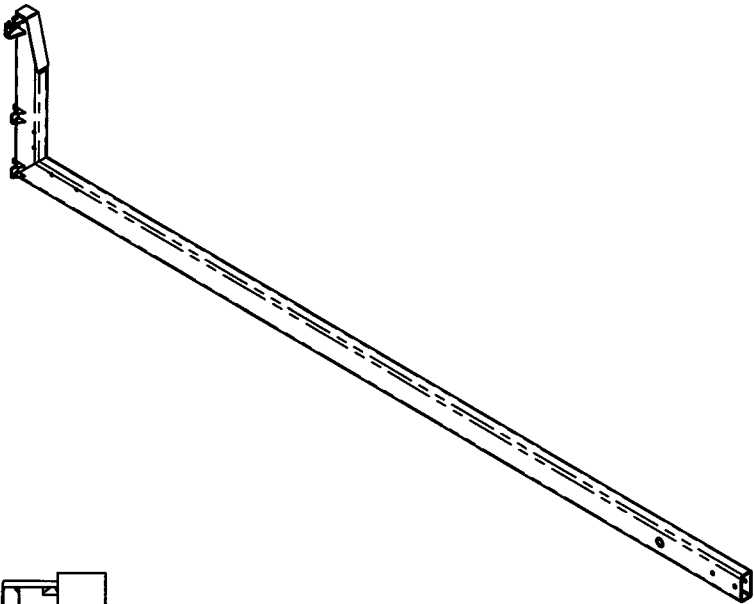
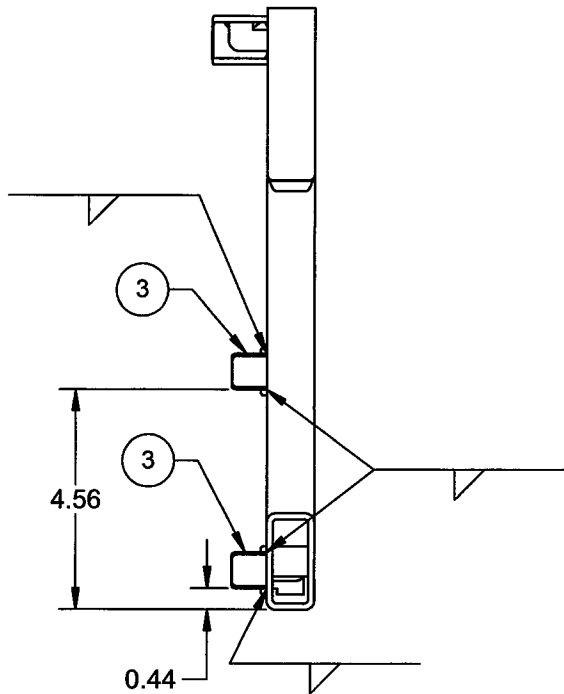
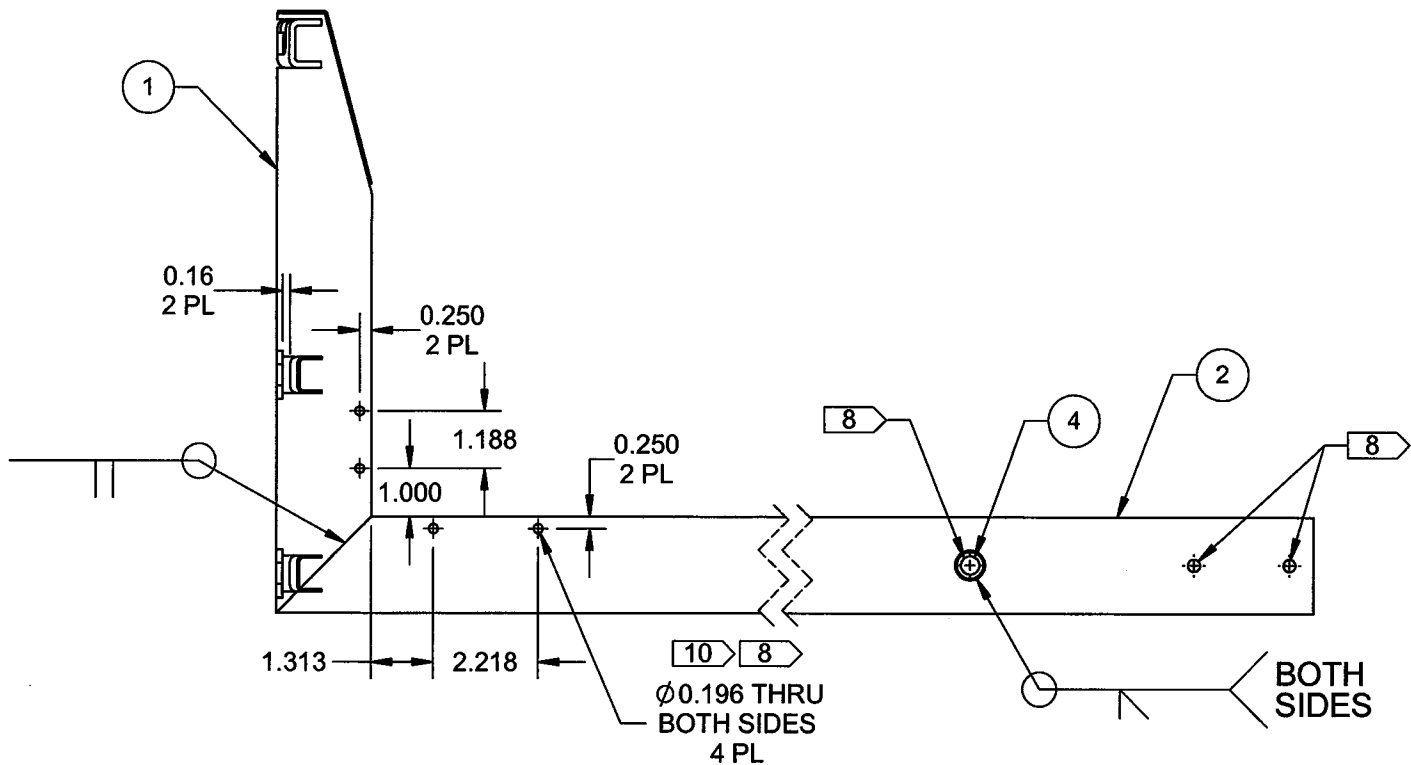
2021 MAY 26

#3 ECR 21-134

APPROVED

B	SHT 7: REMOVED CHAMFER FROM 0.625 HOLE	JC	20.12.15
A	NEW ISSUE	RF	20.01.13
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	ZF	DRAWING NO.	REV. B
MFG. APPR.	DD	D5824	SHEET 1 OF 9
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	FORWARD BEAM	NTS
DATE	20.12.15	COPYRIGHT © 2020 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM	QTY -042	P/N	DESCRIPTION
	X	D5824-042	FWD BEAM ASSY, RH
1	1	D5824-044M	FWD DOWN TUBE MACHINE CUT OUT, RH
2	1	D5824-1	FWD TUBE
3	2	D5828-1	STOP BRACKET
4	1	D5829-1	BUSHING



**D5824-042 FWD BEAM ASSY, RH**  
(DERIVED FROM AERO DESIGN P/N 95932-01-01)

**NOTES:**

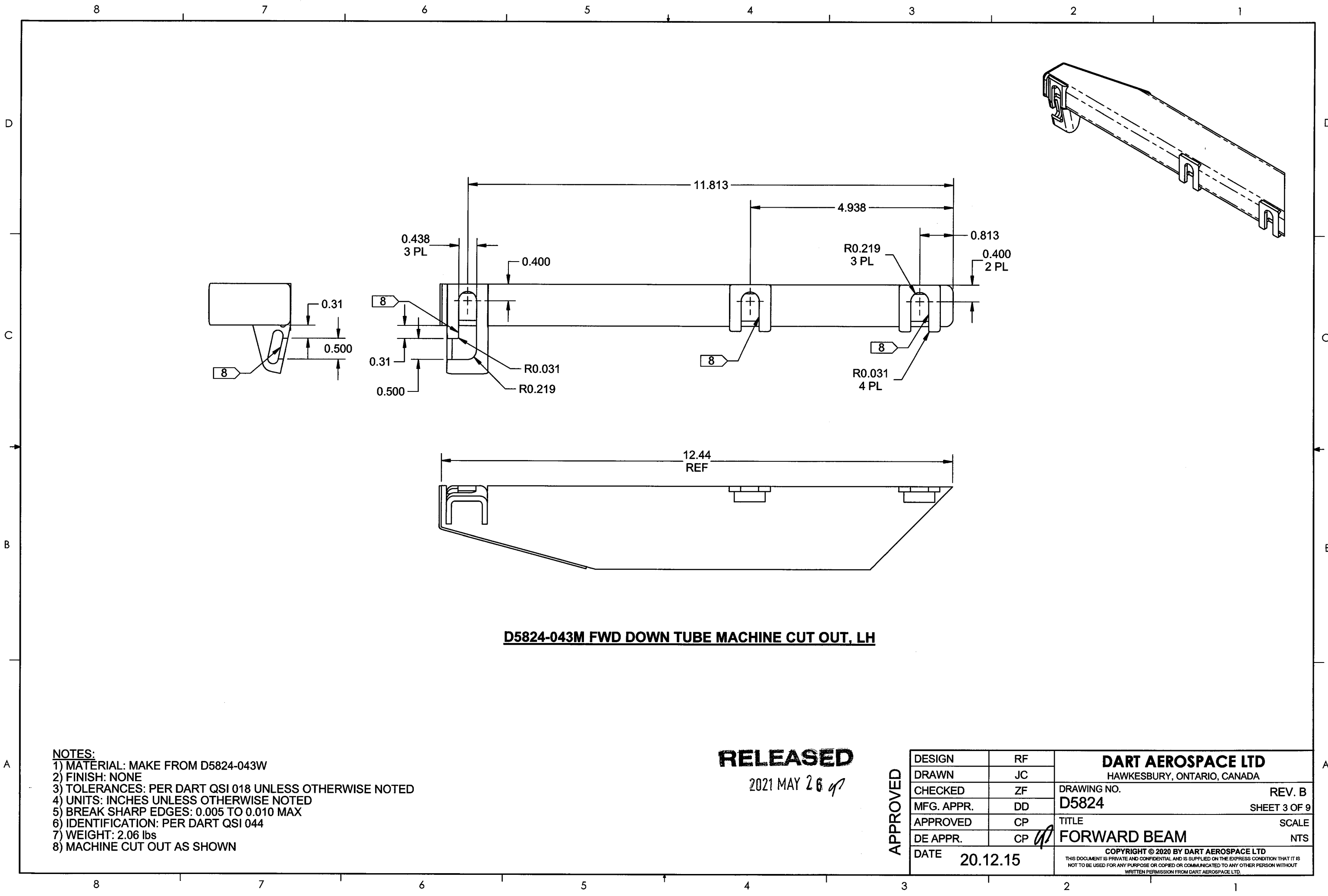
- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3 AFTER MACHINING
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5824-042" AND S/N PER DART QSI 044 6.1
- 7) WEIGHT: 14.40 lbs
- 8) MASK HOLES PRIOR TO POWDER COAT
- 9) WELD PER DART QSI 004
- 10) DRILL HOLES AFTER WELDING

**RELEASED**

2021 MAY 26

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	ZF	DRAWING NO.	REV. B
MFG. APPR.	DD	D5824	SHEET 2 OF 9
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	FORWARD BEAM	NTS
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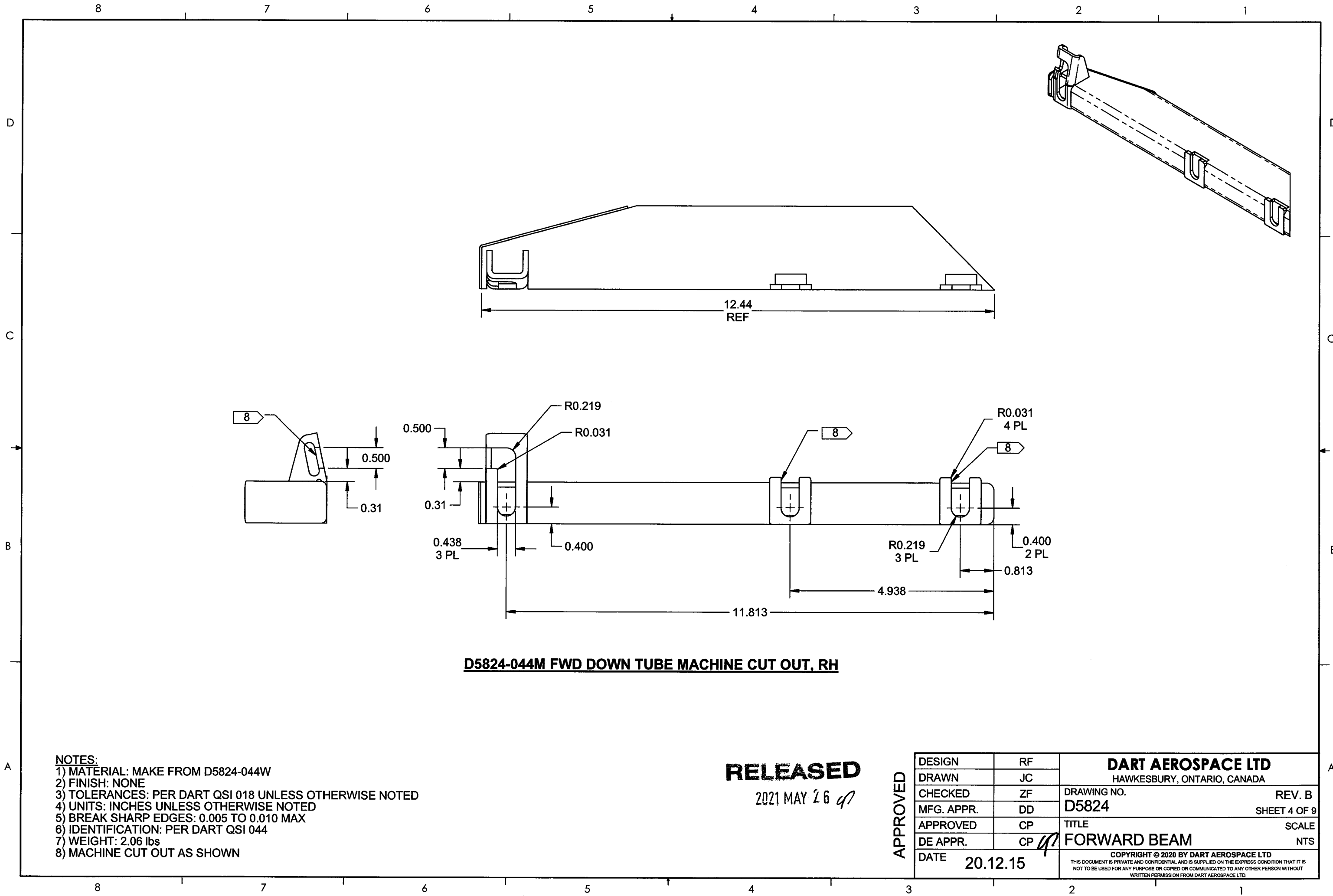
**D5824-043M FWD DOWN TUBE MACHINE CUT OUT, LH**

- NOTES:**
- 1) MATERIAL: MAKE FROM D5824-043W
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: PER DART QSI 044
  - 7) WEIGHT: 2.06 lbs
  - 8) MACHINE CUT OUT AS SHOWN

**RELEASED**  
2021 MAY 26 *qf*

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	ZF	DRAWING NO. <b>D5824</b>	REV. B SHEET 3 OF 9
MFG. APPR.	DD	TITLE <b>FORWARD BEAM</b> SCALE NTS	
APPROVED	CP		
DE APPR.	CP <i>qf</i>	COPYRIGHT © 2020 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	20.12.15		



**D5824-044M FWD DOWN TUBE MACHINE CUT OUT, RH**

- NOTES:**
- 1) MATERIAL: MAKE FROM D5824-044W
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: PER DART QSI 044
  - 7) WEIGHT: 2.06 lbs
  - 8) MACHINE CUT OUT AS SHOWN

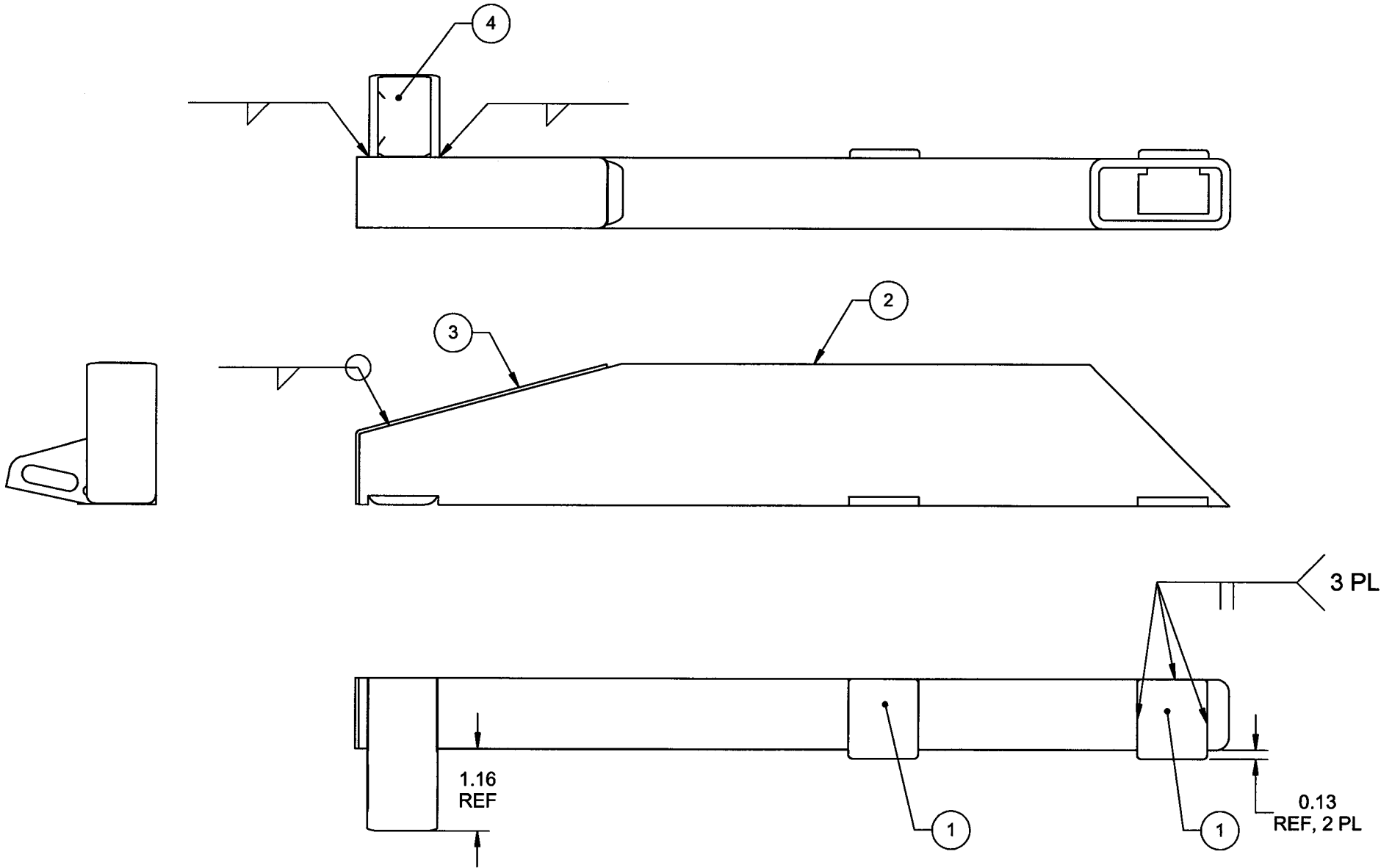
**RELEASED**

2021 MAY 26 *CP*

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	ZF	DRAWING NO. <b>D5824</b>	REV. B
MFG. APPR.	DD	SHEET 4 OF 9	
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>CP</i>	<b>FORWARD BEAM</b>	NTS
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ITEM	QTY -043W	P/N	DESCRIPTION
	X	D5824-043W	FWD DOWN TUBE WELDMENT, LH
1	2	D5762-9	GUIDE
2	1	D5824-3	DOWN TUBE, LH
3	1	D5826-1	CAP
4	1	D5827-1	HOOK, LH



**D5824-043W FWD DOWN TUBE WELDMENT, LH**

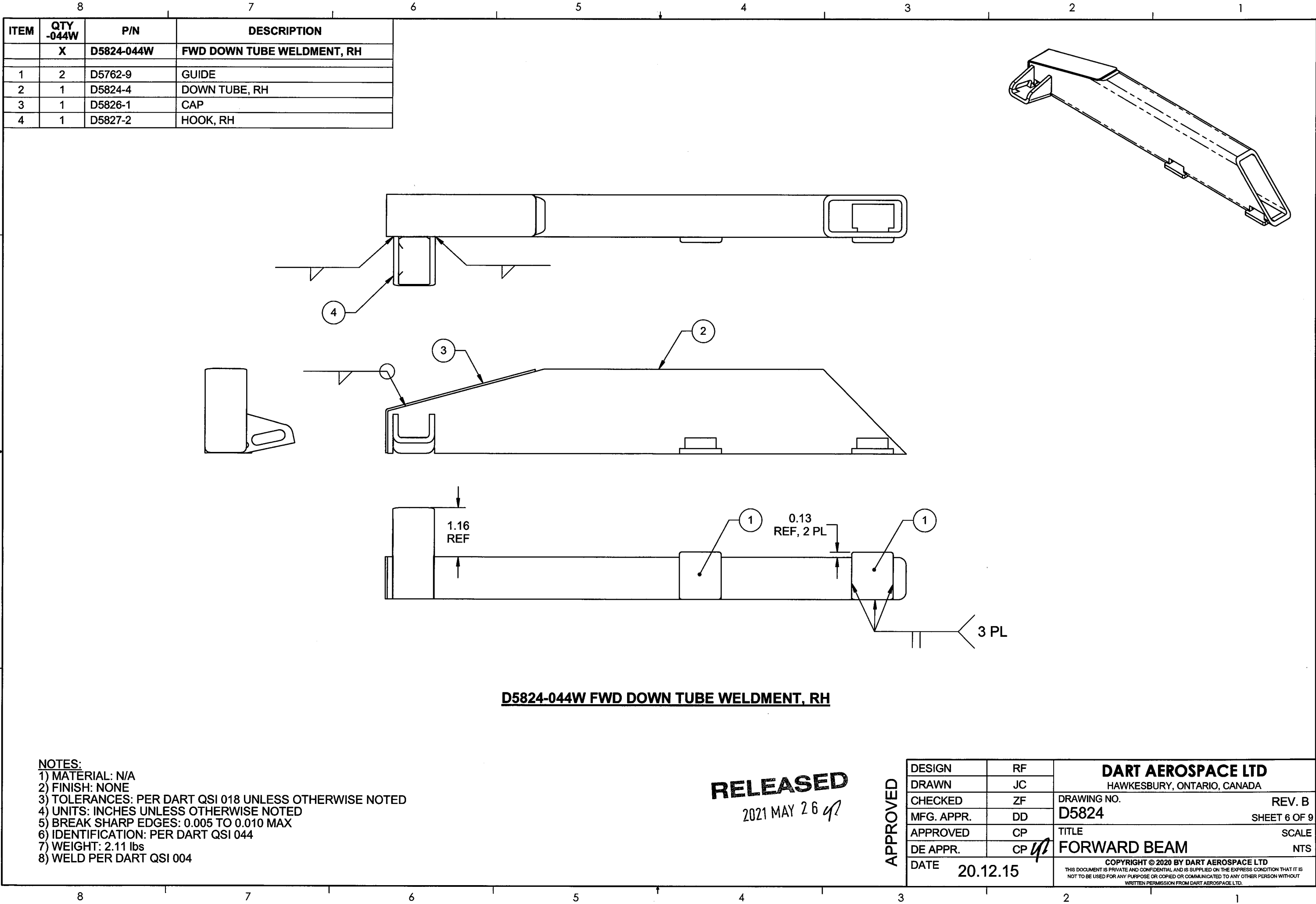
NOTES:  
1) MATERIAL: N/A  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
6) IDENTIFICATION: PER DART QSI 044  
7) WEIGHT: 2.11 lbs  
8) WELD PER DART QSI 004

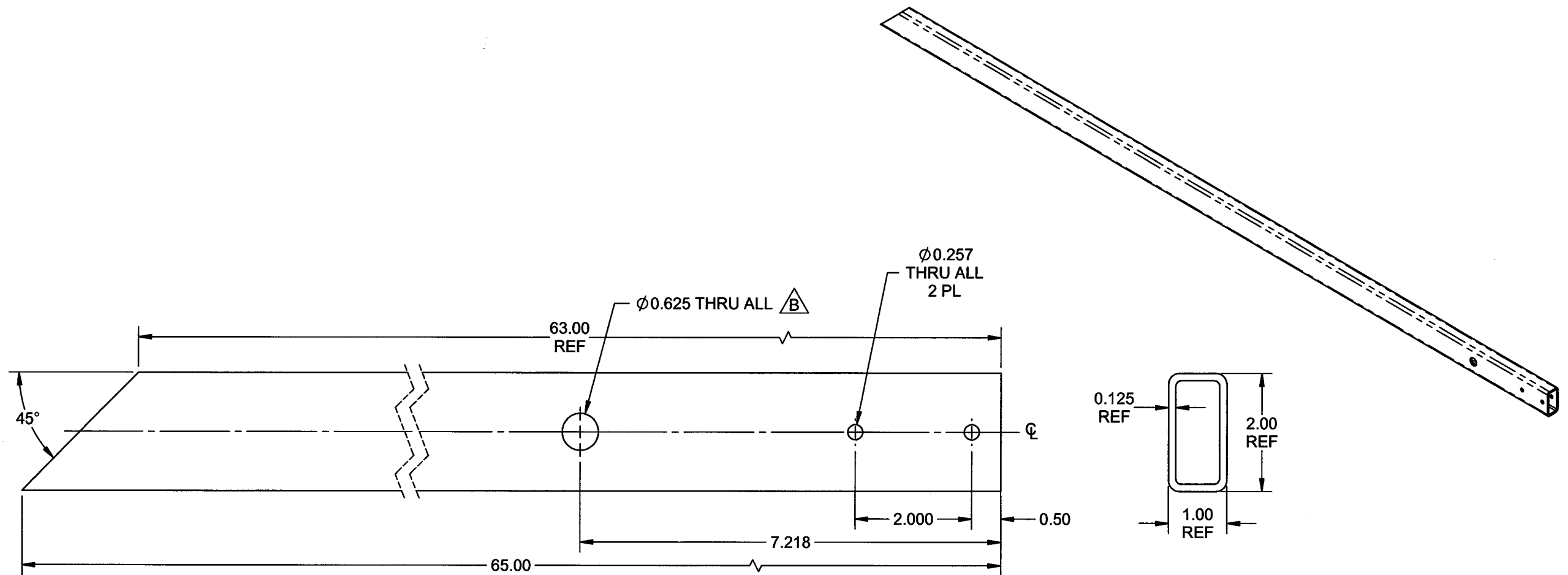
**RELEASED**

2021 MAY 26

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	ZF	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5824</b>	SHEET 5 OF 9
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	<b>FORWARD BEAM</b>	NTS
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**D5824-1 FWD TUBE**  
(DERIVED FROM AERO DESIGN P/N 95932-02)

**NOTES:**

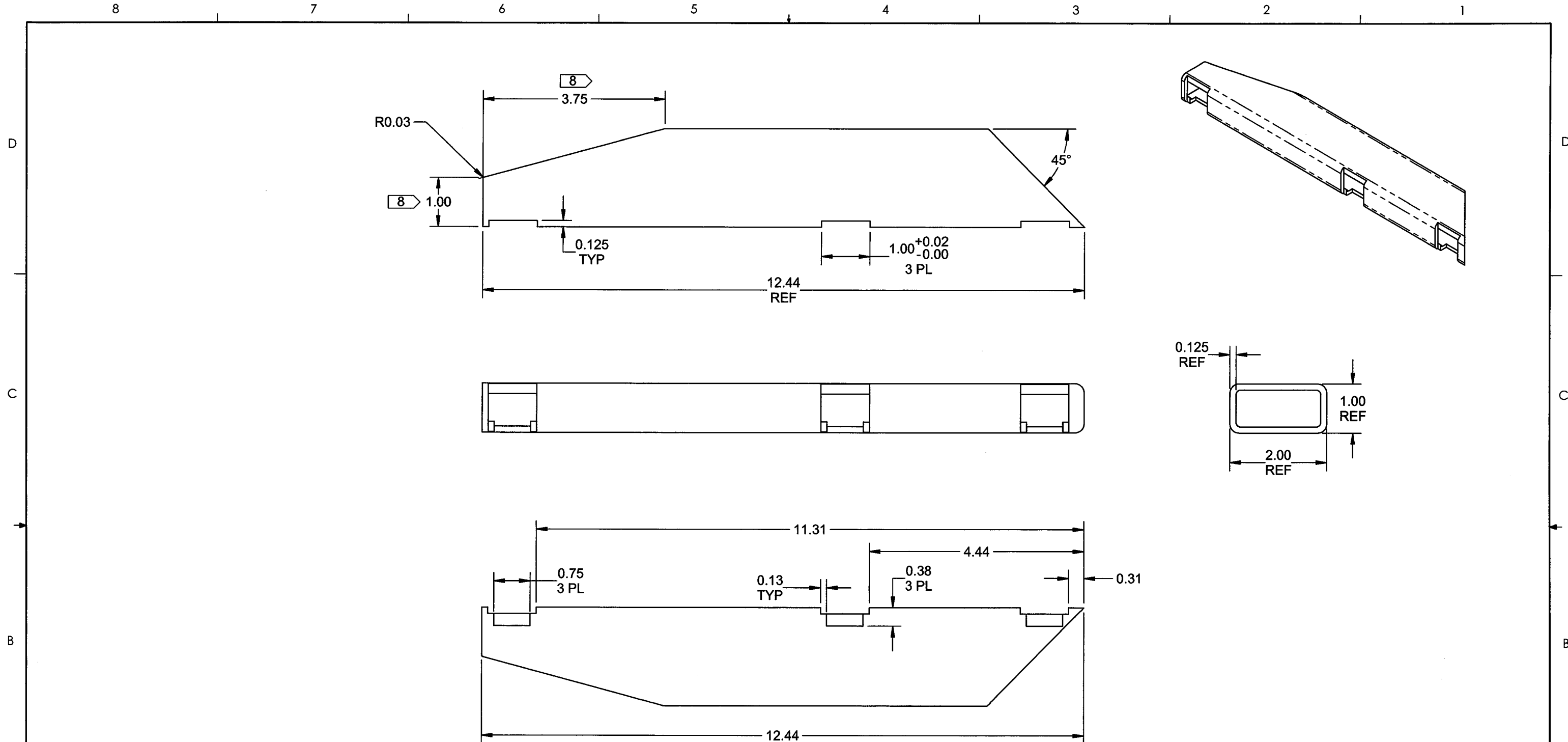
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL TUBING, 1.00 X 2.00 X 0.125 WALL  
PER ASTM A554 OR ASTM A269  
REF DART SPEC. M304TS2.000X1.000W.125
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: 12.27 lbs

**RELEASED**

2021 MAY 26 *qp*

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	ZF	DRAWING NO.	REV. B
MFG. APPR.	DD	D5824	SHEET 7 OF 9
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>up</i>	FORWARD BEAM	NTS
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**D5824-3 DOWN TUBE, LH**  
(DERIVED FROM AERO DESIGN P/N 95930-03-02)

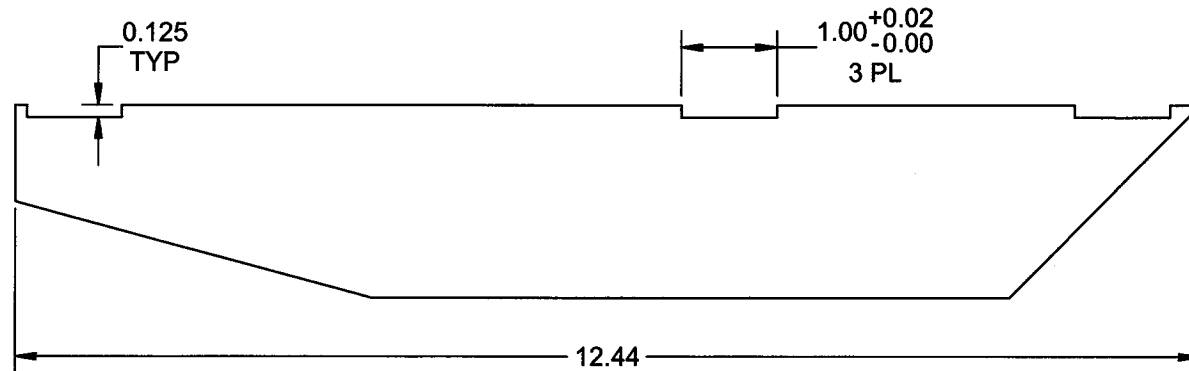
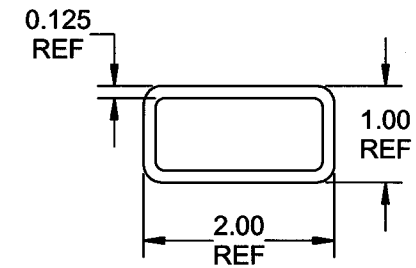
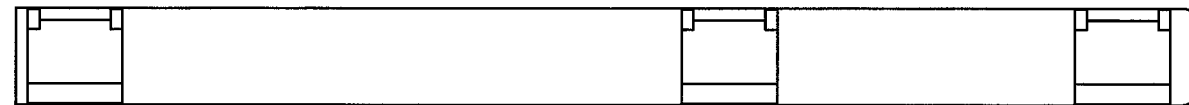
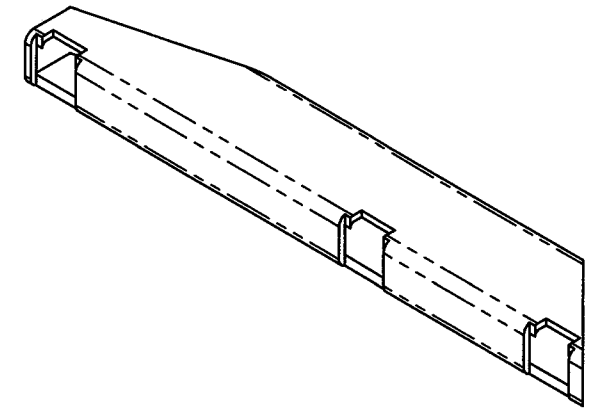
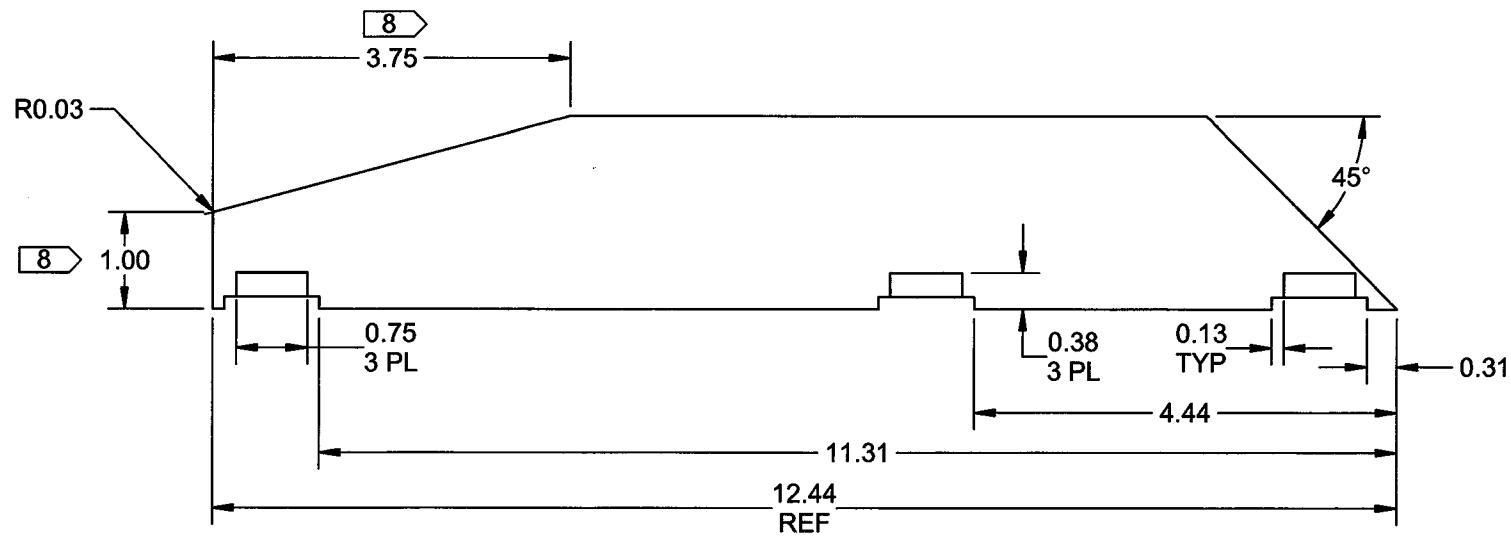
- NOTES:**  
 1) MATERIAL: AISI 304/316 STAINLESS STEEL TUBING, 1.00 X 2.00 X 0.125 WALL  
 PER ASTM A554 OR ASTM A269  
 REF DART SPEC. M304TS2.000X1.000W.125  
 2) FINISH: NONE  
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
 4) UNITS: INCHES UNLESS OTHERWISE NOTED  
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX  
 6) IDENTIFICATION: PER DART QSI 044  
 7) WEIGHT: 1.86 lbs  
 8) CUT AFTER SLOTS ARE MILLED

**RELEASED**  
 2021 MAY 26 *ap*

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	ZF	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5824</b>	SHEET 8 OF 9
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>ap</i>	<b>FORWARD BEAM</b>	NTS
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**D5824-4 DOWN TUBE, RH**  
(DERIVED FROM AERO DESIGN P/N 95930-03-01)

**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL TUBING, 1.00 X 2.00 X 0.125 WALL  
PER ASTM A554 OR ASTM A269  
REF DART SPEC. M304TS2.000X1.000W.125
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: 1.86 lbs
- 8) CUT AFTER SLOTS ARE MILLED

**RELEASED**

2021 MAY 26

APPROVED

DESIGN	RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	ZF	DRAWING NO. <b>D5824</b>	REV. B
MFG. APPR.	DD	SHEET 9 OF 9	
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	<b>FORWARD BEAM</b>	NTS
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